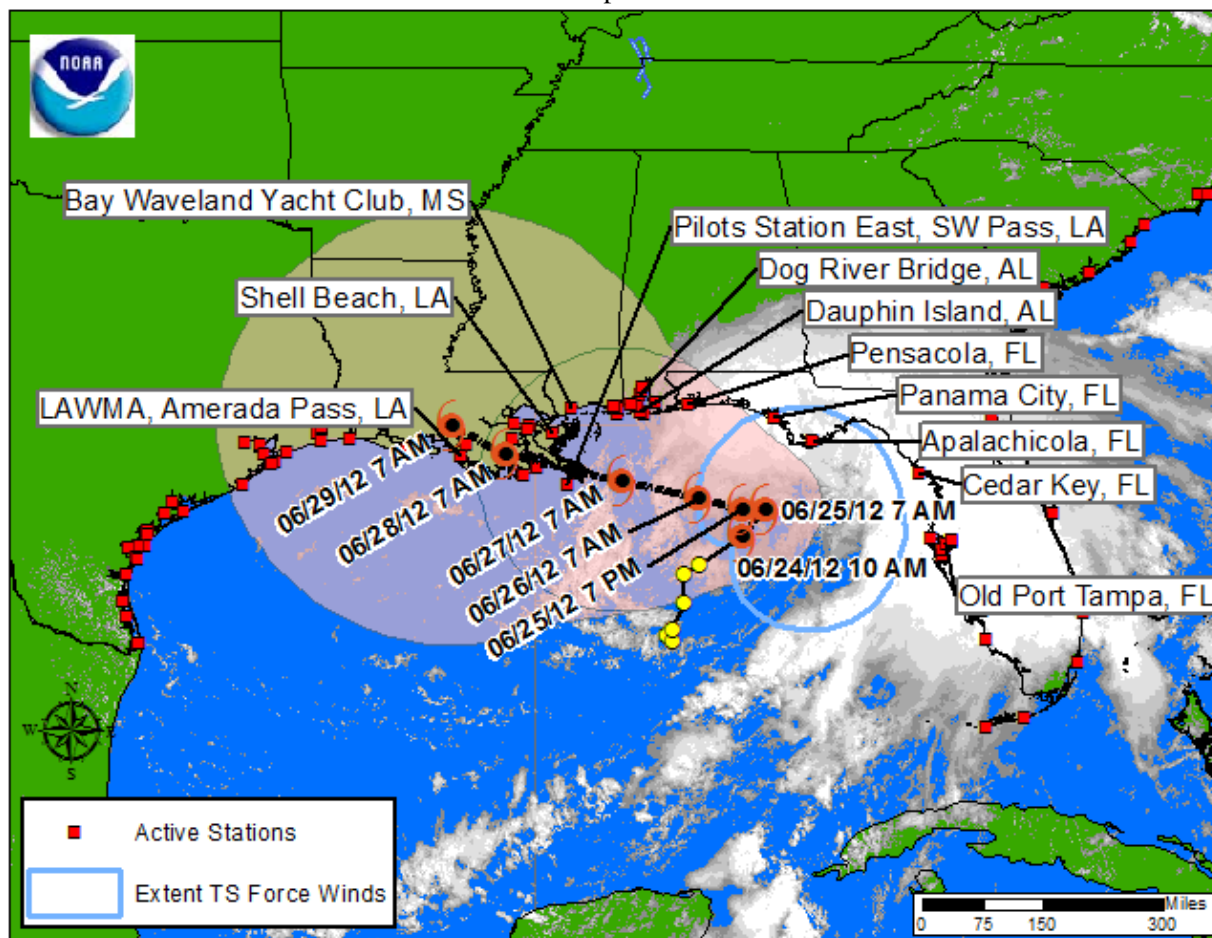


Tropical Storm DEBBY QuickLook
Posted: 11:00 CDT 06/24/2012

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 06/24/2012 11:00 CDT, water levels along the Gulf Coast from western Florida to southwestern Louisiana are elevated and range from 1 to 3 feet above tidal predictions.

Winds are increasing across the Florida panhandle and range between 15 and 30 knots with gusts up to 50 knots recorded at Apalachicola, FL over the past couple of hours. Winds from Alabama to southeastern Louisiana generally range between 10 and 25 knots with some gusts up to 30 knots.

Barometric pressure is falling along the Florida panhandle but remains steady to the west.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Tropical Storm DEBBY QuickLook, POSTED 11:00 CDT 06/24/2012

Old Port Tampa, FL: Next predicted high tides are 2.5 ft (0.75 m) at 06/24/2012 18:05 EDT and 2.0 ft (0.61 m) at 06/25/2012 07:53 EDT.

Cedar Key, FL: Next predicted high tides are 3.8 ft (1.16 m) at 06/24/2012 17:22 EDT and 3.6 ft (1.12 m) at 06/25/2012 06:31 EDT.

Apalachicola, FL: Next predicted high tides are 1.4 ft (0.43 m) at 06/24/2012 19:14 EDT and 1.6 ft (0.48 m) at 06/25/2012 09:07 EDT.

Panama City, FL: Next predicted high tides are 1.2 ft (0.38 m) at 06/24/2012 13:14 CDT and 1.0 ft (0.31 m) at 06/25/2012 13:47 CDT.

Pensacola, FL: Next predicted high tides are 1.2 ft (0.36 m) at 06/24/2012 13:50 CDT and 0.9 ft (0.28 m) at 06/25/2012 14:11 CDT.

Dauphin Island, AL: Next predicted high tides are 1.0 ft (0.31 m) at 06/24/2012 12:40 CDT and 0.8 ft (0.25 m) at 06/25/2012 11:51 CDT.

East Fowl River Bridge, AL: Next predicted high tides are 1.1 ft (0.34 m) at 06/24/2012 15:35 CDT and 0.9 ft (0.27 m) at 06/25/2012 16:30 CDT.

Bay Waveland Yacht Club, MS: Next predicted high tides are 1.6 ft (0.49 m) at 06/24/2012 14:53 CDT and 1.3 ft (0.40 m) at 06/25/2012 15:20 CDT.

Shell Beach, LA: Next predicted high tides are 1.1 ft (0.35 m) at 06/24/2012 17:51 CDT and 0.9 ft (0.28 m) at 06/25/2012 11:42 CDT.

Pilots Station East, SW Pass, LA: Next predicted high tides are 0.9 ft (0.27 m) at 06/25/2012 10:17 CDT and 0.8 ft (0.24 m) at 06/26/2012 06:35 CDT.

LAWMA, Amerada Pass, LA: Next predicted high tides are 0.9 ft (0.27 m) at 06/24/2012 18:38 CDT and 1.2 ft (0.38 m) at 06/25/2012 09:08 CDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For information on Highest Astronomical Tide (HAT), NAVD88 and other datums, please see [Tidal Datums](#). For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:PFF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM DEBBY ADVISORY NUMBER 5
NWS NATIONAL HURRICANE CENTER MIAMI FL
1000 AM CDT SUN JUN 24 2012

...DEBBY PRODUCING TROPICAL-STORM-FORCE WINDS AND HEAVY RAINS ALONG
PORTIONS OF THE NORTHEAST GULF COAST...

WATCHES AND WARNINGS

A TROPICAL STORM WARNING IS IN EFFECT FOR...

- * THE COAST OF LOUISIANA FROM THE MOUTH OF THE PEARL RIVER WESTWARD TO MORGAN CITY...NOT INCLUDING THE CITY OF NEW ORLEANS OR LAKE PONTCHARTRAIN
- * THE MISSISSIPPI-ALABAMA BORDER EASTWARD TO THE SUWANNEE RIVER RIVER FLORIDA

A TROPICAL STORM WATCH IS IN EFFECT FOR...

- * SOUTH OF THE SUWANNEE RIVER TO ANCLOTE KEY FLORIDA

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA WITHIN 36 HOURS.

A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA...IN THIS CASE WITHIN 12 TO 24 HOURS.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE.

DISCUSSION AND 48-HOUR OUTLOOK

AT 1000 AM CDT THE CENTER OF TROPICAL STORM DEBBY WAS LOCATED ABOUT 190 MI ESE OF THE MOUTH OF THE MISSISSIPPI RIVER AND ABOUT 140 MI SSW OF APALACHICOLA FLORIDA. DEBBY IS MOVING TOWARD THE NORTHEAST NEAR 6 MPH BUT LITTLE MOTION IS EXPECTED DURING THE NEXT 12 TO 24 HOURS. A GRADUAL TURN TOWARD THE WEST IS FORECAST THEREAFTER. THE FORECAST TRACK WILL KEEP THE CENTER OF DEBBY MEANDERING OVER THE NORTHERN GULF OF MEXICO DURING THE NEXT FEW DAYS.

MAXIMUM SUSTAINED WINDS ARE NEAR 60 MPH WITH HIGHER GUSTS. SOME SLIGHT STRENGTHENING IS POSSIBLE DURING THE NEXT 48 HOURS.

TROPICAL-STORM-FORCE WINDS EXTEND OUTWARD UP TO 200 MILES FROM THE CENTER MAINLY TO THE NORTH AND EAST OF THE CENTER. BALD POINT IN THE FLORIDA BIG BEND RECENTLY REPORTED SUSTAINED WINDS OF 52 MPH.

THE LATEST ESTIMATED MINIMUM CENTRAL PRESSURE FROM A RECONNAISSANCE AIRCRAFT WAS 994 MB...29.35 INCHES.

HAZARDS AFFECTING LAND

WIND...TROPICAL STORM CONDITIONS ARE ALREADY NEAR OR OVER PORTIONS OF THE NORTHEAST GULF COAST AND ARE EXPECTED TO REACH THE REMAINDER OF THE WARNING AREA BY TONIGHT...MAKING OUTSIDE PREPARATIONS DIFFICULT OR DANGEROUS.

STORM SURGE...THE COMBINATION OF A STORM SURGE AND THE TIDE WILL CAUSE NORMALLY DRY AREAS NEAR THE COAST TO BE FLOODED BY RISING WATERS. THE WATER COULD REACH THE FOLLOWING DEPTHS ABOVE GROUND IF THE PEAK SURGE OCCURS AT

THE TIME OF HIGH TIDE...

SOUTHEASTERN LOUISIANA EASTWARD THROUGH APALACHEE BAY...3 TO 5 FT
FLORIDA WEST COAST SOUTH OF APALACHEE BAY...1 TO 3 FT
SOUTHWESTERN LOUISIANA...1 TO 3 FT

THE DEEPEST WATER WILL OCCUR ALONG THE IMMEDIATE COAST IN AREAS OF ONSHORE FLOW. SURGE-RELATED FLOODING DEPENDS ON THE RELATIVE TIMING OF THE SURGE AND THE TIDAL CYCLE...AND CAN VARY GREATLY OVER SHORT DISTANCES. FOR INFORMATION SPECIFIC TO YOUR AREA...PLEASE SEE PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE OFFICE.

RAINFALL...DEBBY IS EXPECTED TO PRODUCE RAIN ACCUMULATIONS OF 5 TO 10 INCHES ALONG THE IMMEDIATE GULF COAST FROM SOUTHEAST LOUISIANA TO THE CENTRAL WEST COAST OF FLORIDA...WITH ISOLATED MAXIMUM AMOUNTS OF 15 INCHES POSSIBLE. GIVEN THE RECENT HEAVY RAINFALL AND WET SOIL CONDITIONS...THESE ADDITIONAL AMOUNTS WILL EXACERBATE THE FLASH FLOOD THREAT ACROSS PORTIONS OF THE CENTRAL AND EASTERN GULF COAST.

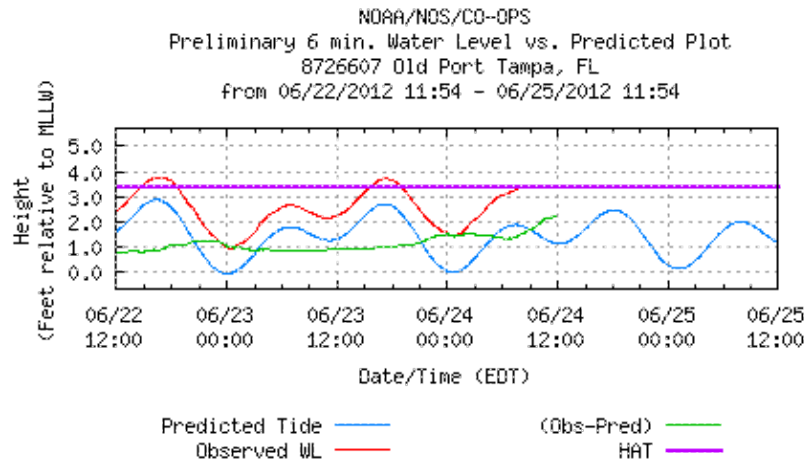
TORNADOES...ISOLATED TORNADOES ARE POSSIBLE OVER PORTIONS OF THE WEST-CENTRAL AND SOUTHWESTERN FLORIDA PENINSULA TODAY.

FORECASTER AVILA

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Old Port Tampa - Water Level](#), [Old Port Tampa - Winds](#), [Cedar Key - Water Level](#), [Cedar Key - Winds](#), [Cedar Key - Barometric](#), [Apalachicola - Water Level](#), [Apalachicola - Winds](#), [Apalachicola - Barometric](#), [Panama City - Water Level](#), [Panama City - Winds](#), [Pensacola - Water Level](#), [Pensacola - Winds](#), [Dauphin Island - Water Level](#), [Dauphin Island - Winds](#), [Dauphin Island - Barometric](#), [East Fowl River Bridge - Water Level](#), [Bay Waveland Yacht Club - Water Level](#), [Bay Waveland Yacht Club - Winds](#), [Bay Waveland Yacht Club - Barometric](#), [Bay Waveland Yacht Club - Air/Water Temp](#), [Shell Beach - Water Level](#), [Shell Beach - Winds](#), [Pilots Station East, SW Pass - Water Level](#), [Pilots Station East, SW Pass - Winds](#), [Pilots Station East, SW Pass - Barometric](#), [Pilots Station East, SW Pass - Air/Water Temp](#), [LAWMA, Amerada Pass - Water Level](#), [LAWMA, Amerada Pass - Winds](#),

Old Port Tampa, FL - Return to List

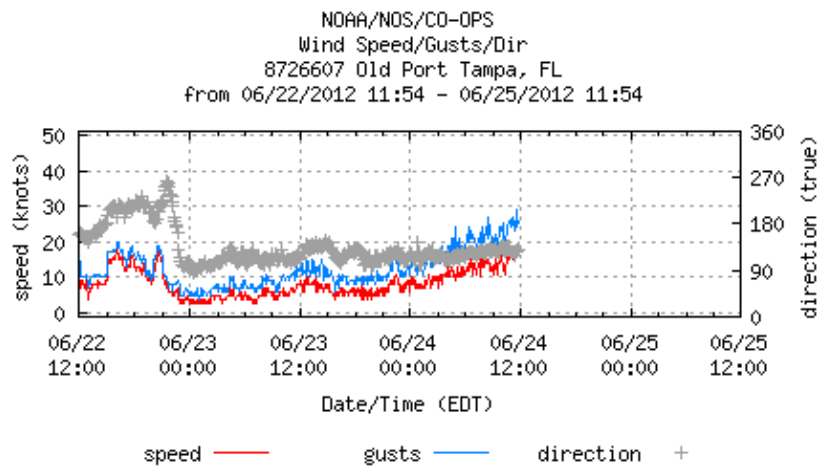


Last Observed Sample: 06/24/2012 11:42 (EDT)

Relative to MLLW: **Observed: 3.39 ft.** **Predicted: 1.16 ft.** **Residual: 2.23 ft.**

Historical Maximum Water Level: Oct 8 1996, 3.6 ft. above MHHW

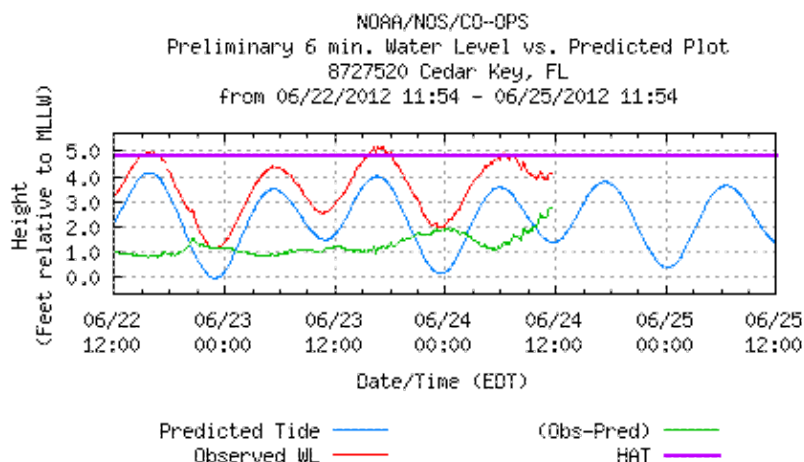
Old Port Tampa, FL - Return to List



Last Observed Sample: 06/24/2012 11:42 (EDT)

Wind Speed: 18 knots **Gusts: 26 knots** **Direction: 130° T**

Cedar Key, FL - Return to List

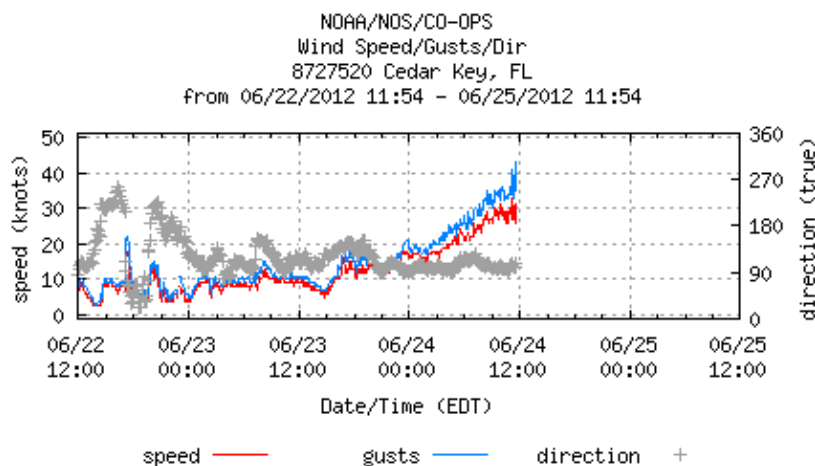


Last Observed Sample: 06/24/2012 11:36 (EDT)

Relative to MLLW: **Observed: 4.12 ft.** **Predicted: 1.39 ft.** **Residual: 2.73 ft.**

Historical Maximum Water Level: Oct 7 1996, 5.15 ft. above MHHW

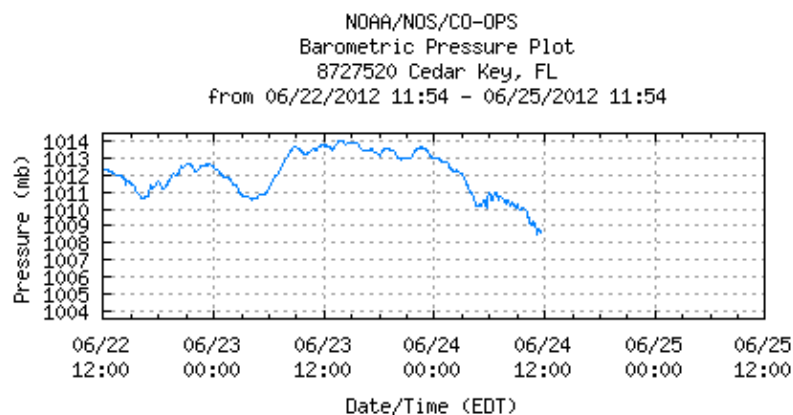
Cedar Key, FL - Return to List



Last Observed Sample: 06/24/2012 11:36 (EDT)

Wind Speed: 26 knots **Gusts: 35 knots** **Direction: 102° T**

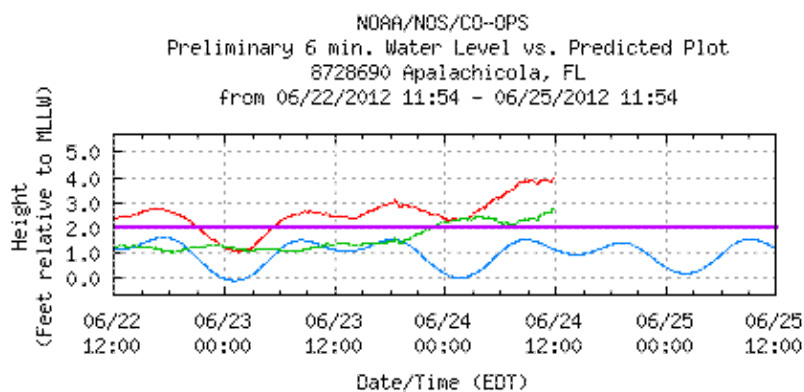
Cedar Key, FL - Return to List



Last Observed Sample: 06/24/2012 11:36 (EDT)

Barometric Pressure: 1008.6 mb

Apalachicola, FL - Return to List

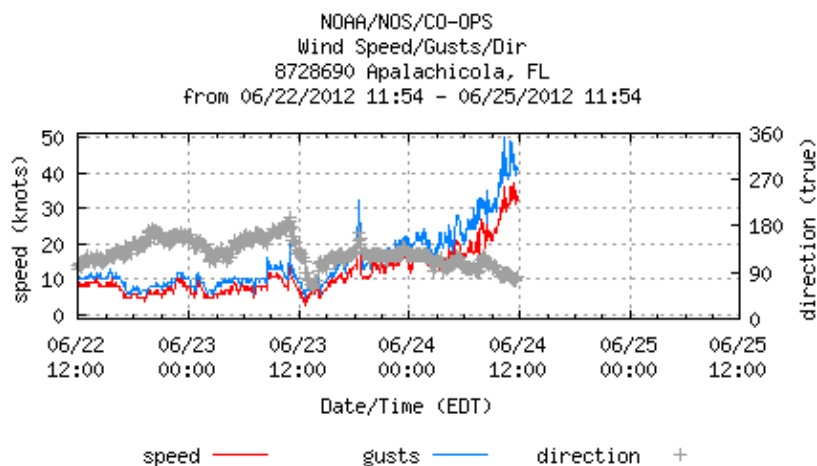


Last Observed Sample: 06/24/2012 11:42 (EDT)

Relative to MLLW: **Observed: 3.95 ft.** **Predicted: 1.16 ft.** **Residual: 2.79 ft.**

Historical Maximum Water Level: Jul 10 2005, 6.43 ft. above MHHW

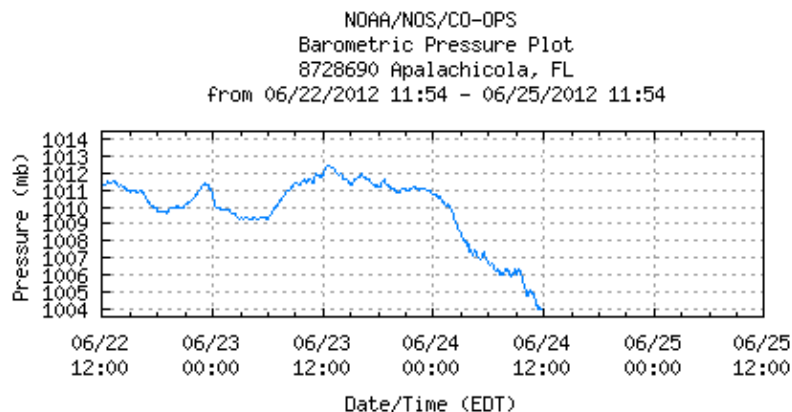
[Apalachicola, FL](#) - [Return to List](#)



Last Observed Sample: 06/24/2012 11:42 (EDT)

Wind Speed: 32 knots Gusts: 41 knots Direction: 82° T

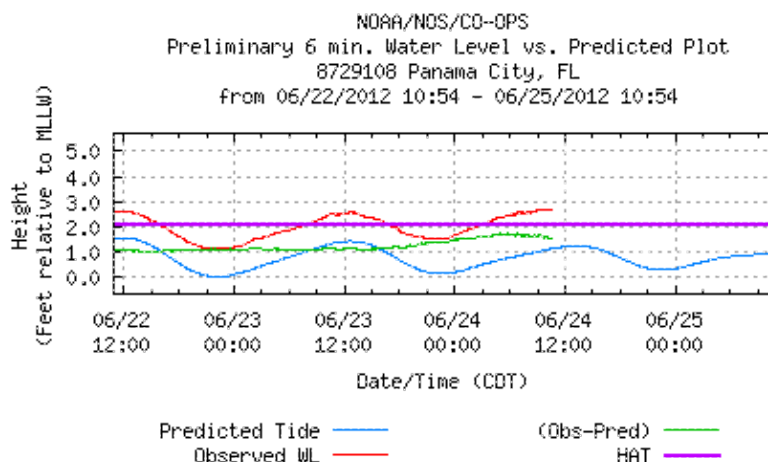
[Apalachicola, FL](#) - [Return to List](#)



Last Observed Sample: 06/24/2012 11:42 (EDT)

Barometric Pressure: 1004.1 mb

Panama City, FL - Return to List

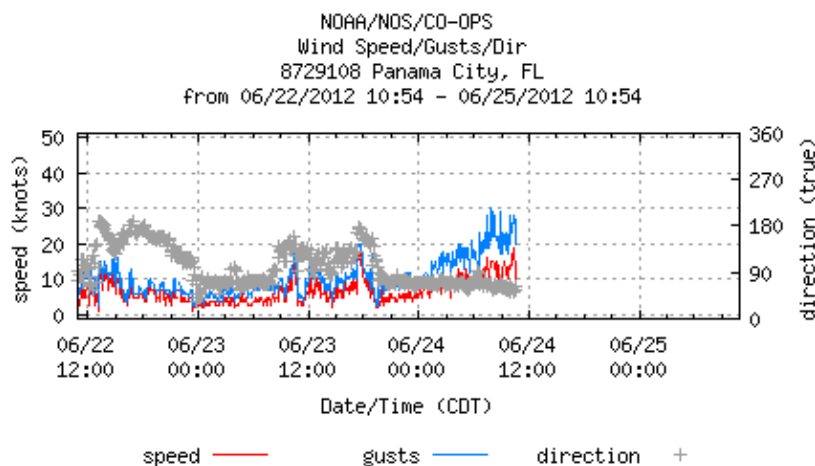


Last Observed Sample: 06/24/2012 10:36 (CDT)

Relative to MLLW: **Observed: 2.70 ft.** **Predicted: 1.13 ft.** **Residual: 1.57 ft.**

Historical Maximum Water Level: Oct 4 1995, 5.72 ft. above MHHW

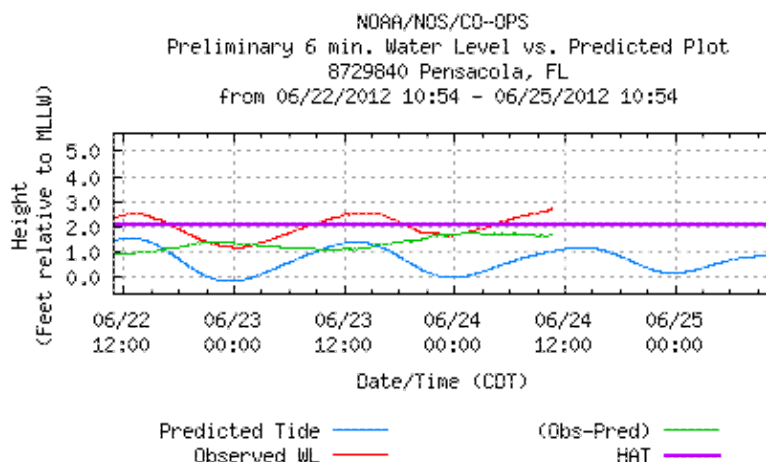
Panama City, FL - Return to List



Last Observed Sample: 06/24/2012 10:36 (CDT)

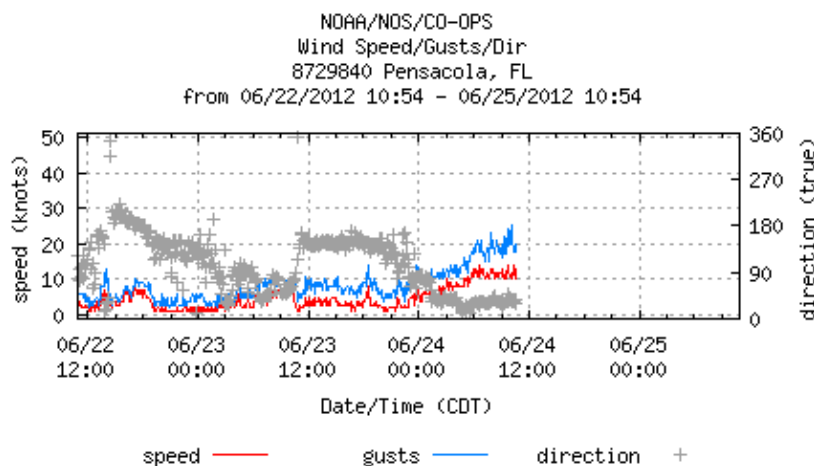
Wind Speed: 10 knots **Gusts: 20 knots** **Direction: 64° T**

Pensacola, FL - Return to List



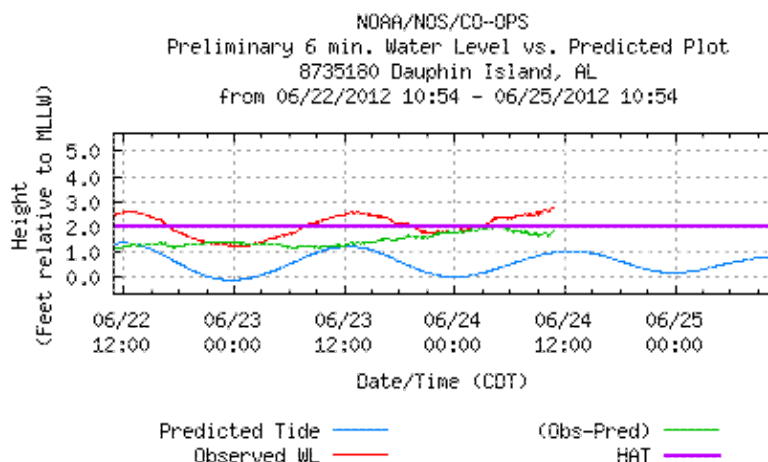
Last Observed Sample: 06/24/2012 10:36 (CDT)
Relative to MLLW: **Observed: 2.69 ft.** **Predicted: 1.03 ft.** **Residual: 1.66 ft.**
Historical Maximum Water Level: Sep 18 1926, 7.41 ft. above MHHW

Pensacola, FL - Return to List



Last Observed Sample: 06/24/2012 10:36 (CDT)
Wind Speed: 13 knots **Gusts: 20 knots** **Direction: 30° T**

Dauphin Island, AL - Return to List

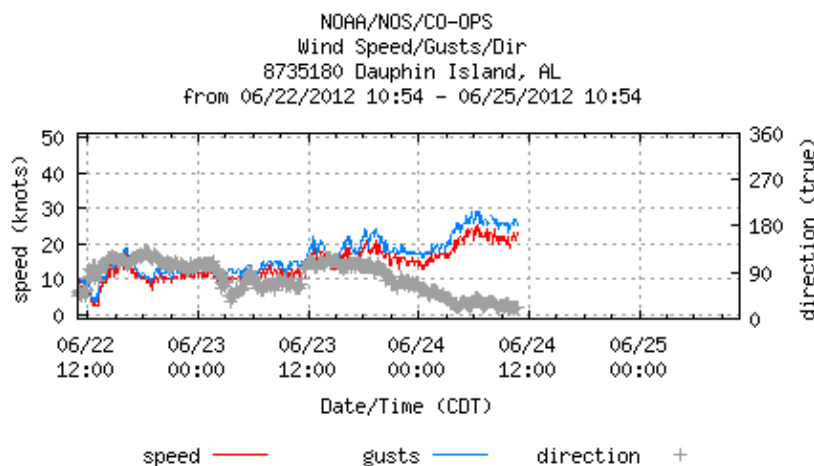


Last Observed Sample: 06/24/2012 10:42 (CDT)

Relative to MLLW: **Observed: 2.78 ft.** **Predicted: 0.97 ft.** **Residual: 1.81 ft.**

Historical Maximum Water Level: Sep 16 2004, 5.94 ft. above MHHW

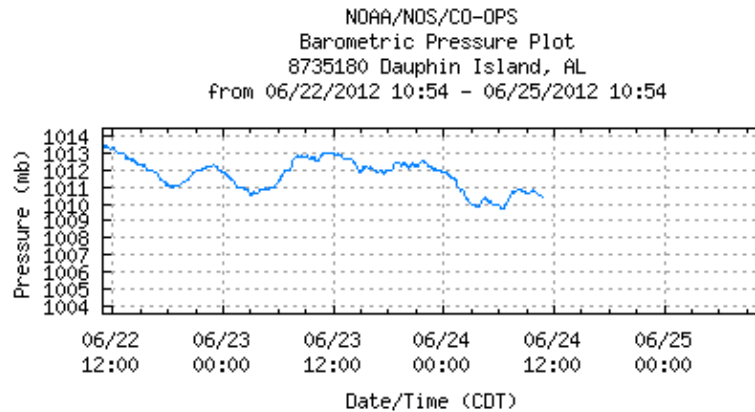
Dauphin Island, AL - Return to List



Last Observed Sample: 06/24/2012 10:42 (CDT)

Wind Speed: 23 knots **Gusts: 25 knots** **Direction: 21° T**

Dauphin Island, AL - Return to List

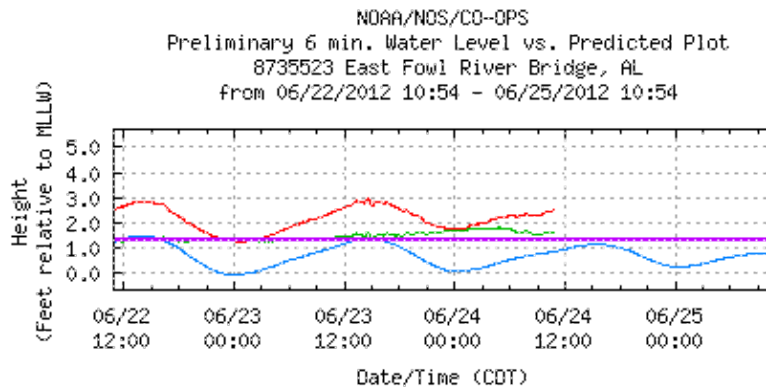


barometric pressure —

Last Observed Sample: 06/24/2012 10:42 (CDT)

Barometric Pressure: 1010.4 mb

East Fowl River Bridge, AL - Return to List



Predicted Tide —

Observed WL —

(Obs-Pred) —

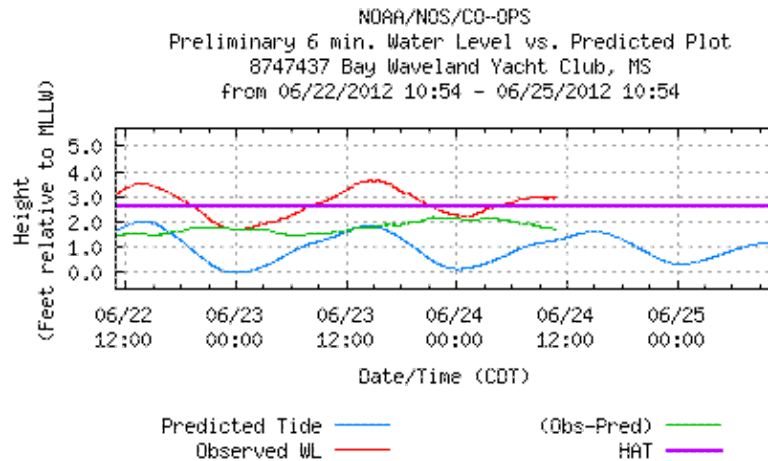
MHHW —

Last Observed Sample: 06/24/2012 10:48 (CDT)

Relative to MLLW: **Observed: 2.51 ft.** **Predicted: 0.86 ft.** **Residual: 1.65 ft.**

Historical Maximum Water Level: , 0 ft. above MHHW

Bay Waveland Yacht Club, MS - Return to List

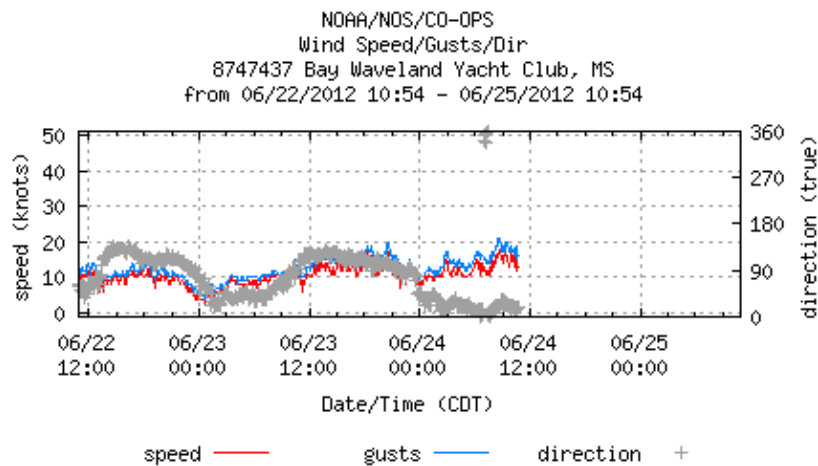


Last Observed Sample: 06/24/2012 10:42 (CDT)

Relative to MLLW: **Observed: 2.95 ft.** **Predicted: 1.26 ft.** **Residual: 1.69 ft.**

Historical Maximum Water Level: Sep 1 2008, 9.16 ft. above MHHW

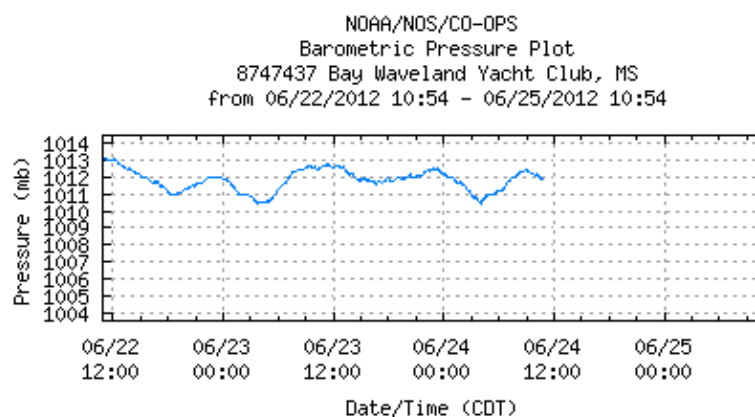
Bay Waveland Yacht Club, MS - Return to List



Last Observed Sample: 06/24/2012 10:42 (CDT)

Wind Speed: 13 knots **Gusts: 16 knots** **Direction: 19° T**

[Bay Waveland Yacht Club, MS - Return to List](#)

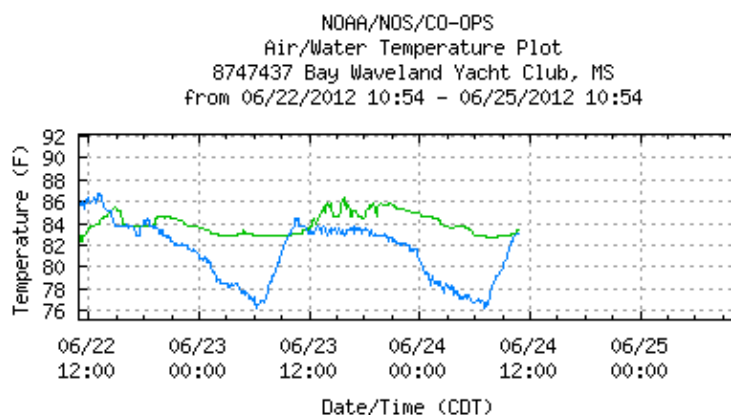


barometric pressure —

Last Observed Sample: 06/24/2012 10:42 (CDT)

Barometric Pressure: 1011.8 mb

[Bay Waveland Yacht Club, MS - Return to List](#)

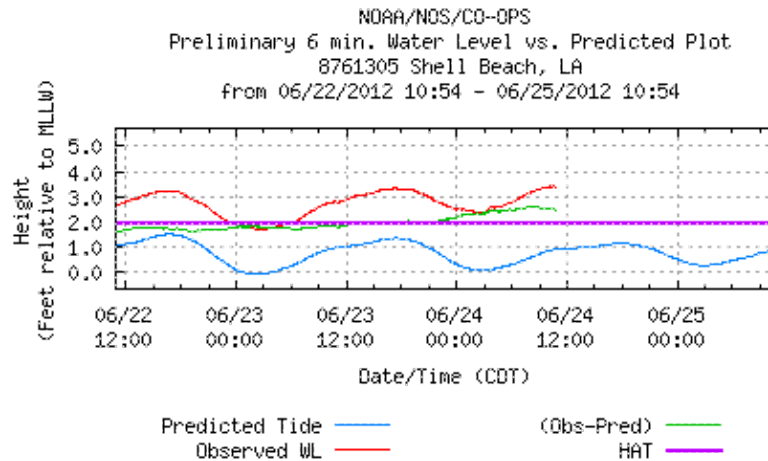


water temp. — air temp —

Last Observed Sample: 06/24/2012 10:42 (CDT)

Water Temperature: 83.3° F Air Temperature: 83.1° F

Shell Beach, LA - Return to List

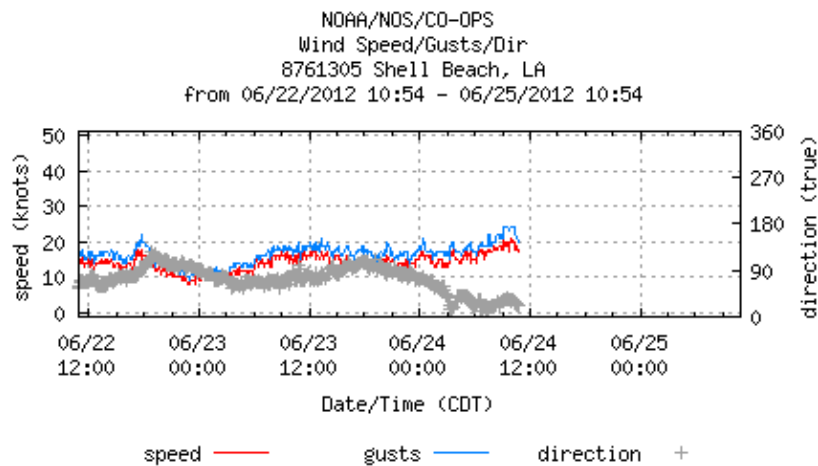


Last Observed Sample: 06/24/2012 10:42 (CDT)

Relative to MLLW: **Observed: 3.38 ft.** **Predicted: 0.90 ft.** **Residual: 2.48 ft.**

Historical Maximum Water Level: Sep 1 2008, 8.78 ft. above MHHW

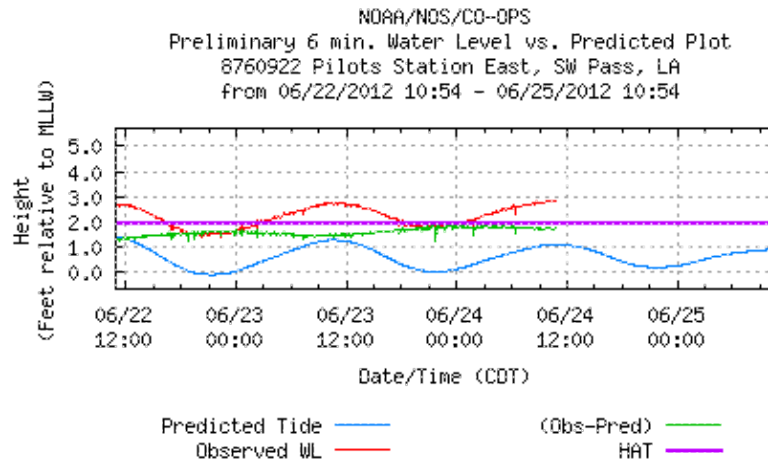
Shell Beach, LA - Return to List



Last Observed Sample: 06/24/2012 10:42 (CDT)

Wind Speed: 17 knots **Gusts: 20 knots** **Direction: 23° T**

Pilots Station East, SW Pass, LA - Return to List

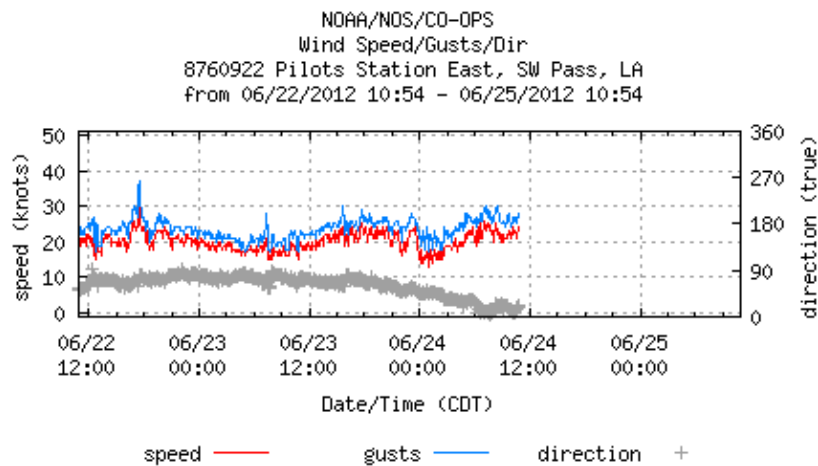


Last Observed Sample: 06/24/2012 10:42 (CDT)

Relative to MLLW: **Observed: 2.84 ft.** **Predicted: 1.10 ft.** **Residual: 1.74 ft.**

Historical Maximum Water Level: Aug 29 2005, 6.22 ft. above MHHW

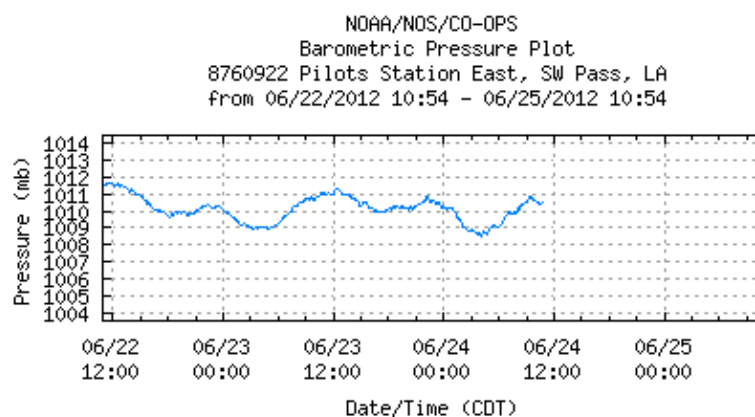
Pilots Station East, SW Pass, LA - Return to List



Last Observed Sample: 06/24/2012 10:48 (CDT)

Wind Speed: 24 knots **Gusts: 27 knots** **Direction: 17° T**

Pilots Station East, SW Pass, LA - Return to List

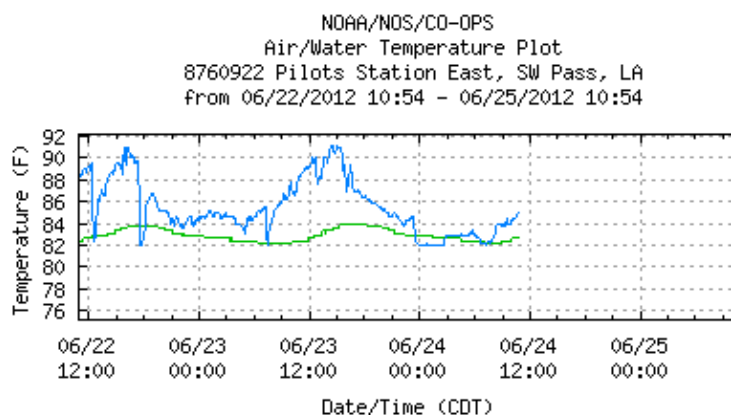


barometric pressure —

Last Observed Sample: 06/24/2012 10:42 (CDT)

Barometric Pressure: 1010.5 mb

Pilots Station East, SW Pass, LA - Return to List

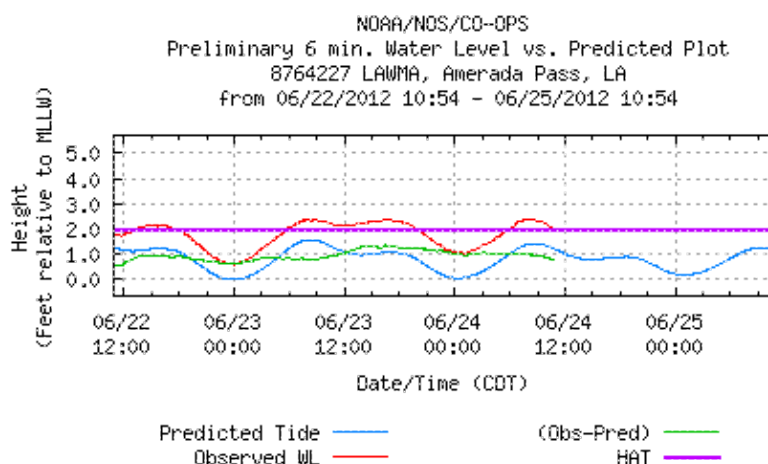


water temp. — air temp —

Last Observed Sample: 06/24/2012 10:42 (CDT)

Water Temperature: 82.6° F Air Temperature: 84.9° F

LAWMA, Amerada Pass, LA - Return to List

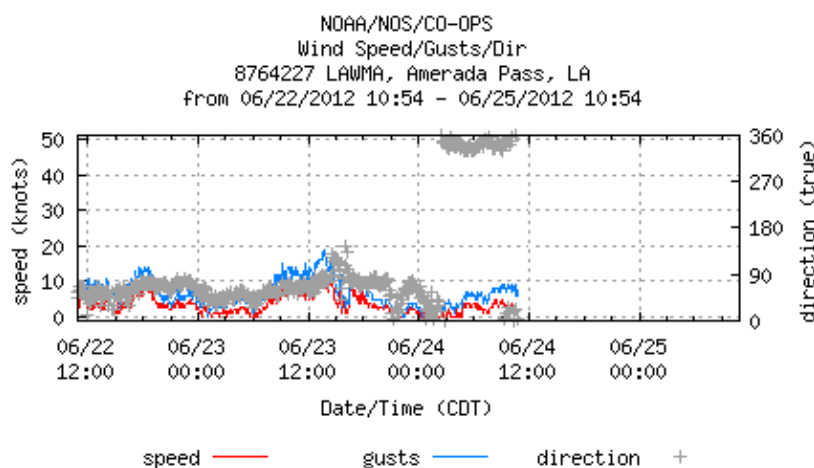


Last Observed Sample: 06/24/2012 10:42 (CDT)

Relative to MLLW: **Observed: 2.00 ft.** **Predicted: 1.22 ft.** **Residual: 0.78 ft.**

Historical Maximum Water Level: Sep 12 2008, 5.92 ft. above MHHW

LAWMA, Amerada Pass, LA - Return to List



Last Observed Sample: 06/24/2012 10:42 (CDT)

Wind Speed: 1 knots **Gusts: 6 knots** **Direction: 5° T**

Tropical Storm DEBBY QuickLook, POSTED 11:00 CDT 06/24/2012

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce